

LOCTITE CORPORATION

09/11/96

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 01 of 05

DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
81502

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
Item No.: 81502
Part No.: TM-51
Product Type: Epoxy adhesive

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
RESIN		
Epoxy resin	25068-38-6	85-90
Epoxy resin	26142-30-3	10-15
HARDENER		
Polymercaptan	101359-87-9	80-85
Substituted aminophenol	90-72-2	5-10
Nonylphenol	25154-52-3	3-5
Heptakis(dipropyleneglycol)- triphosphate	13474-96-9	1-3

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
--------------------------------------	----------------	---------------	-------

RESIN

HARDENER

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
---------------------------------------	----------------	---------------

RESIN

HARDENER

3. HAZARDS IDENTIFICATION

Toxicity: Skin and eye irritant. Moderately toxic by ingestion. Sensitizer.

Primary Routes of Entry: Skin, ingestion, inhalation.

Signs and symptoms of Exposure: May cause eye irritation and other allergic responses such as skin sensitization or dermatitis

Existing Conditions Aggravated by Exposure: None known

LOCTITE CORPORATION

09/11/96

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 02 of 05

Product Name: DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
Item No.: 81502

3. HAZARDS IDENTIFICATION (continued)

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen			
		NTP	IARC	OSHA	
RESIN					
Epoxy resin	ALG IRR	NO	NO	NO	
Epoxy resin	ALG IRR	NO	NO	NO	
HARDENER					
Polymercaptan	No Data	NO	NO	NO	
Substituted aminophenol	IRR	NO	NO	NO	
Nonylphenol	ALG COR IRR	NO	NO	NO	
Heptakis(dipropyleneglycol)- triphosphate	No Data	NO	NO	NO	

Abbreviations

ALG Allergen
IRR Irritant

COR Corrosive

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup

Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical

Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors

Unusual Fire or Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower: Not available
(% by volume in air)Upper: Not available

LOCTITE CORPORATION

09/11/96

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 03 of 05

Product Name: DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
Item No.: 81502

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Take up with an inert absorbent. Store in a closed
container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 110°F.
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)
Handling: Avoid skin contact. Keep away from eyes.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Not normally necessary, but may be desireable for
prolonged use in confined areas.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless, viscous liquid.
Odor: Unpleasant
Boiling Point: More than 300°F
pH: Does not apply
Solubility in Water: Slight
Specific Gravity: Resin: 1.13
Hardener: 1.08

Volatile Organic Compound
(EPA Method 24) Resin: 0%, 0 grams per liter
Hardener: 11.08%; 119.7 grams per liter
Vapor Pressure: Less than 5mm at 80°F
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur
Incompatibility: Oxidizing agents
Hazardous Decomposition
Products (non-thermal): None

LOCTITE CORPORATION

09/11/96

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 04 of 05

Product Name: DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
Item No.: 81502

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORT INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 2
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 2
Flammability Hazard: 1
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

LOCTITE CORPORATION

09/11/96

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 05 of 05

Product Name: DURO(TM) MASTER MEND TM E-POX-E(R) SYSTEM QUICK SE
Item No.: 81502

16. OTHER INFORMATION

(continued)

Prepared By: Stephen Repetto
Title: Research Chemist, Environmental Health & Safety
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: January 22, 1996 Revision: 0023

